

1. (Three Times Amended) A process for producing a fatty acid ester from an oil or fat and an alcohol, wherein the process comprises reacting an oil or fat with an alcohol in the presence of a solid base catalyst comprising at least one component selected from the group consisting of sodium carbonate, calcium oxide, calcium hydroxide, calcium carbonate and magnesium oxide under conditions in which at least one of the oil or fat in an amount of 0.001 parts by weight or more based on 100 parts by weight of the oil or fat and the alcohol is in a supercritical state at a temperature of 270 °C or more, said solid base catalyst being present in an amount of 0.005 parts by weight or more based on 100 parts by weight of the oil or fat.

16. (Amended) The process according to claim 1, wherein said catalyst is present in an amount in the range of from 0.005 to 6 parts by weight based on 100 parts by weight of the oil or fat.